

# Smoking and Health in the Americas

# Smoking and Health in the Americas

**A 1992 Report  
of the Surgeon General,  
in collaboration with the  
Pan American Health Organization**

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
Centers for Disease Control  
National Center for Chronic Disease Prevention and Health Promotion  
Office on Smoking and Health

PAN AMERICAN HEALTH ORGANIZATION  
Pan American Sanitary Bureau, Regional Office of the  
WORLD HEALTH ORGANIZATION

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THE SECRETARY OF HEALTH AND HUMAN SERVICES  
WASHINGTON, D.C. 20201

FEB 14 1992

The Honorable Thomas S. Foley  
Speaker of the House of Representatives  
Washington, D.C. 20515

Dear Mr. Speaker:

It is my privilege to transmit to the Congress the 1992 Surgeon General's report on the health consequences of smoking as mandated by Section 8(a) of the Public Health Cigarette Smoking Act of 1969 (Pub. L. 91-222). The report was prepared by the Centers for Disease Control's Office on Smoking and Health in conjunction with the Pan American Health Organization.

The topic of this report, Smoking in the Americas, reflects a concern for the broader problems posed by tobacco consumption. The report explores the historical, social, economic, and regulatory aspects of smoking in the Western Hemisphere. It defines the current extent of tobacco control activities in the countries of the Americas and stresses the need for regional coordination and cooperation in our efforts to create a smoke-free society.

The countries of North America--the United States and Canada--are in the midst of a major epidemic of smoking-related disease, including cancer, heart disease, chronic obstructive lung disease, and adverse outcomes of pregnancy. The countries of Latin America and the Caribbean now show evidence of a rising prevalence of smoking, particularly among young people, and in the absence of efforts to decrease tobacco use, are likely to be swept by a similar epidemic.

I believe that we in the United States must provide leadership through continued efforts to control tobacco consumption and prevent the uptake of smoking by young people. In addition, I believe that we must participate fully in regional efforts to develop effective smoking-control programs.

Sincerely,

Louis W. Sullivan, M.D.

Enclosure



THE SECRETARY OF HEALTH AND HUMAN SERVICES  
WASHINGTON, D.C. 20201

FEB 14 1992

The Honorable Dan Quayle  
President of the Senate  
Washington, D.C. 20510

Dear Mr. President:

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Louis W. Sullivan, M.D.

Enclosure

## Foreword

By the mid-1980s, an estimated 526,000 people in the Americas were dying each year of diseases that are directly attributable to smoking. The number continues to increase. Most of these deaths occur in Canada and the United States, where smoking has been a widespread, entrenched habit for over 60 years. However, approximately 100,000 deaths occur annually in the countries of Latin America and the Caribbean. We are in the unfortunate position of watching an epidemic—like the one we are currently living with in the United States—begin to gather momentum among our neighbors.

The determinants of smoking are complex. Many forces are brought to bear on the young person who is deciding whether or not to smoke. The current overall prevalence of smoking in a population—a general measure of its social acceptability—plays a large role. The frequency with which peers or role models smoke may be even more important. The current laws and regulations that govern smoking may influence the decision, as do the price of cigarettes and the ease with which they can be purchased. The extent to which tobacco products are advertised and the forms and mechanisms for tobacco promotion are also likely to have a major influence on a young person's decision. All of these combine in an intricate way to create a social norm; the individual decision is hardly an isolated and independent event.

Considerable gains have been made against smoking in Canada and the United States in recent years. As documented in previous Surgeon General's reports, the prevalence of smoking in the United States has been falling at a rate of approximately 0.5 percentage points per year. But millions continue to smoke, and the current rate of decline will not reduce smoking prevalence to the goal of 15 percent set for the year 2000. It is clear that the efforts under way in the United States and Canada are important in maintaining the momentum of smoking abatement, but it is equally clear that they are insufficient. More sectors of society must be brought into the nonsmoking coalition, and the tools at our disposal must be further strengthened.

Other countries of the Americas face different circumstances. For some, still in the process of economic development, the prevalence of smoking is still low, and the problem may have a lower priority than more acute public health concerns. For others, further along in their development, diseases associated with smoking are already major causes of death, and the prevalence of smoking is high among young people in urban areas. Overall, the impact of smoking-related illness is not yet as evident in the other countries of the Americas as in Canada and the United States. However, the high prevalence among young people in many of these countries is ominous. Each country must deal with its problem in its own political, economic, and cultural context. Nonetheless, the countries of the Americas face a common threat, even though they may be in differing stages of its evolution. A common approach, characterized by agreement on goals, objectives, and means, can benefit the entire region.

The Pan American Health Organization (PAHO) has taken significant steps to establish a forum for the exchange of ideas and for the development of a joint plan of action. As a regional branch of the World Health Organization, PAHO in turn takes part in an international forum for coordinated action against tobacco. The individual decision to smoke—both now and in the future—will ultimately be influenced by these efforts of the global community.

This Surgeon General's report is the twenty-second in a series that was inaugurated in 1964 and mandated by law in 1969. The current report looks at the place of smoking in the societies of the Americas and at the current efforts to prevent and control tobacco use. It is perhaps best viewed as a planning document, a portrayal of the current situation in the Americas that will provide the basis for a concerted approach to future prevention strategies.

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## Preface

*from the Surgeon General,  
U.S. Department of Health and Human Services*

This 1992 report of the Surgeon General, *Smoking and Health in the Americas*, is the second on smoking and health during my tenure as Surgeon General. Over the years, the reports have systematically examined the effect of smoking on human health: the biologic effects of substances in tobacco, the risks of disease, the susceptibility of target organs, the addictive nature of nicotine, and the evolving epidemiology of the problem. The reports summarize a massive amount of information that has accumulated on the untoward effects of tobacco use, now easily designated the single most important risk to human health in the United States. The 1990 report, *The Health Benefits of Smoking Cessation*, documented the positive impact of quitting and thus furthered the logical argument leading to a smoke-free society.

This report is a departure from its predecessors in that it treats the evidence against smoking as an underlying assumption. The issue for the future is how we will go about achieving a smoke-free society, and a consideration of smoking in the Americas is an early step in that direction. The report explores the historical, epidemiologic, economic, and social issues that surround tobacco use in the Americas. It focuses on cultural antecedents and trends, on social and economic structure, and on the local, national, and regional efforts that are currently under way to control tobacco use.

One of the striking inferences to be drawn from the report is that the countries of the Americas occupy a continuum of consequences related to smoking. This continuum appears to be related to overall economic development. Countries that are furthest along the path of industrialization have gone through a period of high smoking prevalence and are now experiencing the incongruous combination of declining prevalence and increasing morbidity and mortality from smoking. Other countries, substantially along the path, are entering a period of high prevalence and may also be experiencing some of the disease and disability associated with smoking. Still others, less developed industrially, have low prevalences of smoking and relatively lower estimates for smoking-attributable mortality, but must contend with numerous other public health issues.

Not all countries fit easily into such a simple classification. Within countries, there is considerable diversity in the pace of industrialization, urbanization, and general development as well as in the manifestation of the effects of tobacco use. But the classification is useful in defining the pathway that all countries are likely to take. In the absence of coordinated action, the epidemic of tobacco use is likely to proceed according to a well-defined script: gradual adoption of the smoking habit, long-term entrenchment of tobacco use, and a major loss of human life.

The forces that create this script are complex and often difficult to untangle. One of the major findings of the report is the crucial role of surveillance in understanding the intricate interrelationship of the factors that influence smoking.



The educational level of the population, for example, illustrates the complexity. Data from selected sources indicate that smoking is more prevalent among highly educated women than among less-educated women. One would think that increased education would be linked to a greater awareness of and concern about the health consequences of smoking, but this assumption appears incorrect. It may be that a higher educational level, especially in developing countries, imparts greater susceptibility to messages that promote positive associations with smoking. Only through systematic monitoring of smoking prevalence as well as of the knowledge, attitudes, and behaviors of the population can we appreciate the underlying reasons for the current epidemiologic configuration. Such appreciation, in turn, is the basis for a rational prevention and control program.

Another area in which surveillance is critical is in the monitoring of the tobacco sector of the economy. Such monitoring should include production, consumption, price structure, and taxation policy as well as advertising and promotion of tobacco products. The structure of the industry in any country will have important ramifications for the growth and "success" of the commodity. One of the fundamental paradoxes of market-oriented societies is that some entrepreneurs—even acting completely within the prescribed rules of business practice—will come into conflict with public health goals. The market structure of the tobacco industry constitutes a major threat to public health simply because the product is tobacco. In the tobacco industry, attempts to control a large market share, marketing to target groups, widespread use of innovative promotional techniques, and corporate growth, development, and consolidation—in short, the traditional elements of successful entrepreneurial activity—are ultimately inimical to the public health. Each country faces its own resolution of this paradox, but recognizing and monitoring it is fundamental to the prevention and control of tobacco use.

Most countries of the Americas have begun to face these complex issues. Several have taken major steps, others tentative ones, but all should recognize the crucial role of international coordination and cooperation. It is clear that although most countries can have significant impact on their own smoking-related problems, the international community can become smoke-free only by acting in concert. The process is an arduous one that begins with multifaceted efforts to change social norms regarding smoking and that moves ultimately to a disappearance of demand for tobacco products. I hope that the current report will serve as an impetus for continuing activity in the control of smoking and for mobilization of international resources toward the goal of a smoke-free society.

Antonia C. Novello, M.D., M.P.H.  
Surgeon General

## **Preface**

*from the Director,  
Pan American Health Organization*

Diseases related to smoking are an important cause of premature deaths in the world, both in developed and developing countries. Eliminating smoking can do more to improve health and prolong life than any other measure in the field of preventive medicine.

Developing countries, including those of Latin America and the Caribbean, are not behind their neighbors in the north with regard to the tremendous growing problem of noncommunicable diseases related to tobacco consumption.

Over the last three decades, the countries of Latin America and the Caribbean have experienced important changes in their demographic, socioeconomic, and epidemiologic profiles. Increasing numbers of the older, more urban, and especially the poorer populations of the region, are dying of diseases related to lifestyle determinants. Consumption of tobacco is one of these harmful threats to the health and well-being of our populations.

Despite that, in most of the developing countries of our region, not enough attention has been given to generate actions and the kind of information needed for policy and program formulation with regard to tobacco control. It is also unfortunate that while the transnational conglomerates in control of almost all tobacco production and marketing have directed their efforts toward penetrating developing economies, many governments, given the urgent needs created by other health problems, and in some cases due to financial or economic reasons, consider tobacco control a low priority.

The United States Government and the Pan American Health Organization (PAHO) have been working in a joint effort to generate the information included in the Surgeon General's report, and the PAHO country report, which hopefully will bring more awareness and promote action against smoking in the region of the Americas.

Our collaboration with the Office of the Surgeon General has been highly satisfactory, and it will encourage the development of a regional network for implementing research and exchange of successful experiences in the control of tobacco addiction.

Carlyle Guerra de Macedo, M.D., M.P.H.  
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